

To: Jackson, Hylton [DNR][Hylton.Jackson@dnr.iowa.gov]
Cc: Mitchell, Brian[Mitchell.Brian@epa.gov]
From: McCoy, Erin
Sent: Wed 5/11/2016 6:22:37 PM
Subject: RE: Dico Five Year Review Addendum

Hylton, EPA headquarters reviewed this and changed several things, so I'm going to be sending it to you after a few more people have looked at it, just to be sure that I address changes first and send you a copy of the final to review. As for the increasing trend in well NW-36 in the last 15 years, when I look at the graph, I can see where you could see the decreasing trend if you only looked at the last 15 years. However, the groundwater pump and treat system was implemented in 1987, so I used all data available since the implementation to evaluate the trend as it applies to the remedy. If you can give me a justification as to why looking at only the last 15 years is better, I can take that into account. Otherwise, I need to stick with the data used in the Mann-Kendall evaluation I sent you.

Please let me know if you have any questions. I will send you the final draft for a quick read through after everyone gets their comments back to me and I have had time to address them. Thanks!



Erin McCoy, P.G. | Remedial Project Manager

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From: Jackson, Hylton [DNR] [mailto:Hylton.Jackson@dnr.iowa.gov]
Sent: Tuesday, May 03, 2016 3:32 PM
To: McCoy, Erin <McCoy.Erin@epa.gov>
Subject: RE: Dico Five Year Review Addendum

Erin,

I did take a look at the addendum and supporting documents and have just a couple of comments. I did get the sampling done (11/3/2015) for the wells associated with OU-3 and need to get the report done. I had one detect (although the lab ran 8260 and I should have run 524.2 – better detection limits at SHL). I only had one detection above 5 ug/L and that was cis-1,2-DCE in NW-36 at a concentration of 9 ug/L. There is some reference to NW-34 and NW-36 in the addendum and I assume it refers to information from IDNR’s “Technical Progress Report on Groundwater Monitoring conducted April 23 & 30, 2012 for the Des Moines North Plume”.

The 5YR addendum raises valid concerns about the inconsistencies in sample methods used to analyze the monitoring wells associated with OU-3 and refers to an “increasing trend” of cis-1,2-DCE in NW-36 (from 1989 to 2015). While acknowledging the sampling method discrepancies, I do not agree with the assertion that there is an established, increasing trend of cis-1,2-DCE concentration in NW-36 over the last 15 years. Unless I missed it, the 2013 5YR did not site an increasing contaminant trend in NW-36. In any case, the Department would agree to continued sampling OU-3 wells every third year – sampling method 524.2 - to ensure a lower detection limit.

Other than that, I have no comments.

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From: McCoy, Erin [<mailto:McCoy.Erin@epa.gov>]
Sent: Tuesday, May 03, 2016 1:07 PM
To: Jackson, Hylton [DNR]
Subject: RE: Dico Five Year Review Addendum

Hylton, have you had a chance to review this? Just checking. I'd like to finalize this next week if possible. I'm in training this week. Please let me know if you have any questions. Thanks!



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From: McCoy, Erin
Sent: Tuesday, April 05, 2016 12:48 PM
To: Hylton Jackson (Hylton.Jackson@dnr.iowa.gov) <Hylton.Jackson@dnr.iowa.gov>
Subject: Dico Five Year Review Addendum
Importance: High

Attached is the Five-Year Review addendum for the Des Moines TCE Site for your review and the supporting documentation. Please let me know if you have any edits or comments by April 22. Thanks!



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